

Adams County Conservation District

670 Old Harrisburg Road
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Gettysburg, PA 17325-3404

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RECD FEB 19 2008



February 12, 2008

George O. Tubies
2390 York Road
Gettysburg, PA 17325

**RE: Wetland restoration at 2390 York Road
Straban Township, Adams County**

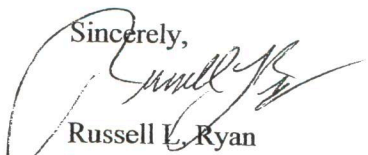
Dear Mr. Tubies,

The plan has been reviewed and is INADEQUATE to meet the requirements of PA Title 25, Chapter 102, Erosion Control. The revised plan must be resubmitted with corrections as indicated in the following comments.

The Conservation District has reviewed this plan solely to determine whether it is adequate to satisfy the requirements of 25 PA. Code 102.1 et seq., the erosion control regulations of the PA Department of Environmental Protection. By a determination that the plan is adequate to meet the requirements, neither the Conservation District nor the County assumes any responsibility for the implementation of the plan or the proper construction and operation of the facilities contained in the plan. The design, structure integrity, and installation of the control measures are the responsibility of the landowner and/or the earthmover. Before any construction or earthmoving may begin all appropriate and necessary local, state, and federal permits must be secured from the agency having specific permitting authority.

If you should have questions, please contact me at (717) 334-0636.

Sincerely,



Russell L. Ryan
Resource Conservationist

Enclosure: site photos taken January 30, 2008

CC: Straban Township Board of Supervisors
Jonathan Kasitz – Rettew
Jack Powell, P.E.
Frank Plewa – USACE; Todd Lutte – EPA
Ron Eberts and Allyson McCollum – PADEP
Wm. F. Hill and Associates. Inc.
FILE

**George O. Tubies – wetland restoration
Straban Township, Adams County**

The Conservation District most recently conducted an inspection of the site on January 30, 2008. Earth disturbance activities conducted at the site in the past year have not been stabilized. Photos of that inspection are attached.

****There appears to be discrepancies as to the extent of wetlands located on this property if one compares the plans submitted by Jack Powell, P.E. and those by Rettew. Which plans reflect the most accurate depiction of the wetland resources at 2390 York Road?**

Comments:

1. Strawbale barriers
 - a. This sediment control bmp should not be utilized within concentrated flow as is currently the site condition. Consider temporary rock filter and/or compost filter socks
 - b. According to the sequence, you plan to allow the use of/recycling of the strawbales prior to site becoming stabilized. Sediment control bmp's should remain in place and be maintained until the upslope area is permanently stabilized. This may take some time.
2. The plans provide no immediate and/or long term maintenance plan for the success of this restoration. It is assumed that the EPA/USACE is taking the lead on this topic.
3. Currently the driveway access into site is a compacted stone drive at best. Unless you specify the construction of a RCE/SCE, the plan should at least be provided with minimal information that directs contractor or property owner to immediately remove any excess soil that would be tracked onto the public road – Granite Station Road.
4. How will soil compaction be dealt with? Does this project require special equipment to construct dykes and assure the success of the “existing wetland and seed source”?
5. At what rate should straw be applied for erosion control? Are soil amendments necessary for this work?
6. The plans should provide current conditions and dimensions of existing swale that will be utilized.
7. The plans should direct the field identification of all resources prior to and during the proposed development of site (i.e. orange safety fence).
8. Please provide the date the photos were taken as found in Appendix B of narrative. The date is assumed to be 11-6-2007. What are the dates of the aerial photos that appear in Figures 2 and 3 of narrative?

9. Please provide a brief narrative that details the proposed restoration.
10. **Please explain how this restoration will be hydraulically successful based on current conditions and proposed land development. What is the normal pool elevation of the pond? If applicable, what is the elevation of the current spillways of pond? It appears that the proposed stormwater management design from Mr. Powell will create a dry pond. How will this design provide hydrology for the restoration design proposed? The District recommends that both Rettew and Mr. Powell communicate designs prior to finalization start of construction for either project.**
11. Currently a ditch was cut in between driveway and northern border of largest wetland complex. How does this ditch impact the proposed restoration and existing wetland complex?
12. Consider incorporation of specific wetland seed mix to provide diversity to what viable "seed bank" does exist.
13. The plans should direct the stabilization of the existing channel with erosion control matting such as jute.
14. Are the 2 wetlands connected hydraulically? The previous wetland impact to construct driveway may have altered hydrology between the two wetlands. Has this been taken into consideration for the restoration of resource?

15-0-1950



1-30-60



